

Docket No. RSW920010100US1

ABSTRACT OF THE DISCLOSURE

METHOD, APPARATUS, AND PROGRAM FOR DISTRIBUTING A
DOCUMENT OBJECT MODEL IN A WEB SERVER CLUSTER

An asynchronous, peer-to-peer design is provided for
5 synchronizing data on machines within a cluster using
messaging. The data may be represented in memory as a
document object model in secondary storage. Messaging
may be handled by a messaging system with topic
destinations. The design supports persistence
10 management, locking, and transactions with rollback, and
maintains a uniform state for the data across all nodes
and secondary storage at all times. Furthermore, barring
catastrophic failure of all machines in the cluster and
secondary storage, there is no possibility of losing
committed data.